COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER PHDE020161 US

As a below named inventor, I h	ereby declare that:		
My residence, post office addre	ess and citizenship are as state	ed next to my name.	
I believe I am the original, first a plural names are listed below) o entitled: Electroluminescent d the specification of which (chec	of the subject matter which is c evice with improved light out	ame is listed below) or an original laimed and for which a patent is s tput	, first and joint inventor (if ought on the invention
is attached hereto.			
was filed as United States a	pplication		
Serial No -			
on ————			
and was amended			
on			
was filed as PCT internation Number PCT/IB2003/0 on 18 June, 200	002766		
and was amended under PCT.	Article 19		
on			(if applicable).
claims, as amended by any am I acknowledge the duty to discl	nendment referred to above. lose information which is mater	nts of the above-identified specific	
or inventor's certificate or of an States of America listed below any PCT international applicati	penefits under Title 35, United 5 by PCT international application and have identified below any fon(s) designating at least one	States Code, § 119 of any foreign n(s) designating at least one count foreign application(s) for patent or country other than the United State the application(s) of which priority	try other than the United r inventor's certificate or ses of America filed by me
PRIOR FOREIGN/PCT APPLI	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 11	9:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Germany	102 28 937.9	28 June 2002	YES

U.S. DEPARTMENT OF COMMERCE –Patent and Trademarks Office (July 1994)

(inclu	des Reference to PC	For Patent Application and Power T International Applications)			Allomeys Docket Number PHDE020161 US
POW trans	/ER OF ATTORNE act all business in the	Y: As a named inventor, I hereby ape Patent and Trademark Office conne	point the following attorney(s) a cted therewith. (List name and	and/or agent(s) to property to property to property to property to the propert	rosecute this application and
	k E. Haken, Reg. nael E. Marion, R rard M. Blocker, F			Direct Telephone (name and teleph (914)332-022	Calls to: none number)
•	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	Hel	COND GIVEN NAME
201	RESIDENCE & CITIZENSHIP	CITY Roetgen DEX	STATE OF FOREIGN COU Germany	Ge	UNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Offermannstraße 30	CITY 52159 Roetgen	. Ge	ATE & ZIP CODE/COUNTRY rmany
	FULL NAME OF INVENTOR	FAMILY NAME BUSSELT	FIRST GIVEN NAME Wolfgang	1	COND GIVEN NAME
202	RESIDENCE & CITIZENSHIP	Roetgen DEX	STATE OR FOREIGN COU Germany	Ge	UNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Jägerspfad 3	CITY 52159 Roetgen	Ge	ATE & ZIP CODE/COUNTRY rmany
	FULL NAME OF INVENTOR	FAMILY NAME OPITZ	FIRST GIVEN NAME Joachim		COND GIVEN NAME
203 RESIDENCE & CITIZENSHIP	Aachen DEX	STATE OR FOREIGN COU Germany		UNTRY OF CITIZENSHIP Frmany	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Quellenweg 45	CITY 52074 Aachen		ATE & ZIP CODE/COUNTRY
	FULL NAME OF INVENTOR	FAMILY NAME KI FIN	FIRST GIVEN NAME Markus	_He	COND GIVEN NAME
204	RESIDENCE & CITIZENSHIP	Aachen DEX	STATE OR FOREIGN COU Germany	· Ge	UNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Schlottfelder Winkel 23	CITY 52074 Aachen		ATE & ZIP CODE/COUNTRY rmany
<u> </u>	FULL NAME OF INVENTOR	FAMILY NAME BERTRAM	FIRST GIVEN NAME Dietrich		COND GIVEN NAME
205	RESIDENCE & CITIZENSHIP	CITY Aachen DEX	STATE OR FOREIGN COU Germany		UNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Oberforstbacher Str. 405 A	CITY 52076 Aachen	l l	ATE & ZIP CODE/COUNTRY
	FULL NAME OF INVENTOR	FAMILY NAME GLÄSER	FIRST GIVEN NAME Harald		COND GIVEN NAME
206	RESIDENCE & CITIZENSHIP	CITY Freiburg DEX	STATE OR FOREIGN COU Germany	Ge	OUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Uhlandstraße 11	CITY 79102 Freiburg		ATE & ZIP CODE/COUNTRY rmany

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
Helmut Bestel	Wolgang Bunell	Joac Gritz
DATE 22.06.2003	DATE2/2 1/06.2003	DATE _{25 06 2003}
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
	BeAc	
DATE	DATE25.06.2003	DATE

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHDE020161 US

As a below named inventor, I have	As a below named inventor, I hereby declare that:			
My residence, post office addre	ess and citizenship are as state	ed next to my name.		
I believe I am the original, first a plural names are listed below) of entitled: Electroluminescent detection of which (check the specification of which (check the specification)	of the subject matter which is c evice with improved light ou	name is listed below) or an original, fi claimed and for which a patent is sou tput	irst and joint inventor (if ught on the invention	
is attached hereto.				
was filed as United States a	pplication			
Serial No ————				
on —				
and was amended				
on				
was filed as PCT internation	nal application			
Number PCT/IB2003/0	002766			
on18 June, 200)3			
and was amended under PCT				
on			(if applicable).	
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.				
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.				
I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:				
PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:				
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119	
Germany	102 28 937.9	28 June 2002	YES	

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Attorneys Docket Number PHDE020161 US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245 Direct Telephone Calls to: (name and telephone number) (914)332-0222

L				
	FULL NAME OF	FAMILY NAME BECHTEL	FIRST GIVEN NAME Hans	SECOND GIVEN NAME Helmut
201	RESIDENCE &	CITY	STATE OF FOREIGN COUNTR	
	CITIZENSHIP	Roetgen	Germany	Germany
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	Offermannstraße 30	52159 Roetgen	Germany
	FULL NAME OF	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	INVENTOR	BUSSELT	Wolfgang	
202	RESIDENCE &	CITY	STATE OR FOREIGN COUNT	
	CITIZENSHIP	Roetgen	Germany	Germany
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	Jägerspfad 3	52159 Roetgen	Germany
	FULL NAME OF	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	INVENTOR	OPITZ	Joachim	
203	RESIDENCE &	CITY	STATE OR FOREIGN COUNT	
	CITIZENSHIP	Aachen	Germany	Germany
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	Quellenweg 45	52074 Aachen	Germany
	FULL NAME OF	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
ĺ	INVENTOR	KLEIN	Markus	Heinrich
204	RESIDENCE &	CITY	STATE OR FOREIGN COUNTR	
	CITIZENSHIP	Aachen	Germany	Germany
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	Schlottfelder Winkel 23	52074 Aachen	Germany
	FULL NAME OF	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	INVENTOR	BERTRAM	Dietrich	
205	RESIDENCE &	CITY	STATE OR FOREIGN COUNTR	
	CITIZENSHIP	Aachen	Germany	Germany
l i	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	Oberforstbacher Str. 405 A	52076 Aachen	Germany
	FULL NAME OF	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	INVENTOR	GLÄSER	Harald	
206	RESIDENCE &	CITY	STATE OR FOREIGN COUNTR	
	CITIZENSHIP	Freiburg	Germany	Germany
	POST OFFICE	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE/COUNTRY
	ADDRESS	Uhlandstraße 11	79102 Freiburg	Germany

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE
DATE	DATE
SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
I DATE	DATE
	DATE

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHDE020161 US

As a below named inventor, I h	ereby declare that:		
My residence, post office addre	ess and citizenship are as stat	ed next to my name.	
I believe I am the original, first plural names are listed below) entitled: Electroluminescent d the specification of which (chec	of the subject matter which is a levice with improved light ou	name is listed below) or an origina claimed and for which a patent is atput	ıl, first and joint inventor (if sought on the invention
is attached hereto.			
was filed as United States a	application		
Serial No			
on -			
and was amended			
on			
_			
was filed as PCT internation	:		
Number PCT/IB2003/0	002766		
on18 June, 200)3		
and was amended under PCT	Article 19		
on			(if applicable).
I hereby state that I have review claims, as amended by any am		ents of the above-identified specific	cation, including the
I acknowledge the duty to discl Title 37, Code of Federal Regu		rial to the examination of this appl	ication in accordance with
or inventor's certificate or of an States of America listed below any PCT international applicati	y PCT international application and have identified below any on(s) designating at least one	States Code, § 119 of any foreign n(s) designating at least one coun foreign application(s) for patent o country other than the United State the application(s) of which priority	try other than the United or inventor's certificate or tes of America filed by me
PRIOR FOREIGN/PCT APPLI	CATION(S) AND ANY PRIORI	TY CLAIMS UNDER 35 U.S.C. 1	19:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Germany	102 28 937.9	28 June 2002	YES
···		-22.91	
	L	l	

Combined Declaration For Patent Application and Power of Attorney (Continued) Allomeys Docket Number (includes Reference to PCT International Applications) PHDE020161 US POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. No. 32,266 Edward M. Blocker, Reg. No. 30,245 Direct Telephone Calls to: (name and telephone number) (914)332-0222 SECOND GIVEN NAME FIRST GIVEN NAME **FULL NAME OF** FAMILY NAME Helmut **BECHTEL** Hans INVENTOR STATE OF FOREIGN COUNTRY COUNTRY OF CITIZENSHIP CITY **RESIDENCE &** 201 Germany CITIZENSHIP Germany Roetgen STATE & ZIP CODE/COUNTRY POST OFFICE ADDRESS POST OFFICE Germany 52159 Roetgen **ADDRESS** Offermannstraße 30 FIRST GIVEN NAME SECOND GIVEN NAME **FULL NAME OF** FAMILY NAME Wolfgang INVENTOR **BUSSELT** STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP **RESIDENCE &** CITY 202 Germany Germany CITIZENSHIP Roetgen POST OFFICE ADDRESS STATE & ZIP CODE/COUNTRY CITY POST OFFICE 52159 Roetgen Germany **ADDRESS** Jägerspfad 3 SECOND GIVEN NAME FAMILY NAME FIRST GIVEN NAME **FULL NAME OF** Joachim INVENTOR OPITZ COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITY 203 Germany Germany CITIZENSHIP Aachen STATE & ZIP CODE/COUNTRY POST OFFICE ADDRESS POST OFFICE Germany **ADDRESS** Quellenweg 45 52074 Aachen SECOND GIVEN NAME FAMILY NAME FIRST GIVEN NAME FULL NAME OF Heinrich Markus **KLEIN INVENTOR** STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP **RESIDENCE &** CITY 204 Germany Germany CITIZENSHIP **Aachen** POST OFFICE ADDRESS STATE & ZIP CODE/COUNTRY POST OFFICE Germany 52074 Aachen **ADDRESS** Schlottfelder Winkel 23 SECOND GIVEN NAME FIRST GIVEN NAME FULL NAME OF FAMILY NAME **BERTRAM** Dietrich **INVENTOR** COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY **RESIDENCE &** 205 CITY Germany Germany CITIZENSHIP **Aachen** STATE & ZIP CODE/COUNTRY POST OFFICE POST OFFICE ADDRESS CITY Germany 52076 Aachen **ADDRESS** Oberforstbacher Str. 405 A FIRST GIVEN NAME SECOND GIVEN NAME **FULL NAME OF** FAMILY NAME GLÄSER Harald INVENTOR COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITY 206

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

79102 Freiburg

Germany

CITY

CITIZENSHIP

ADDRESS

POST OFFICE

Freiburg

POST OFFICE ADDRESS

Uhlandstraße 11

		CIONATURE OF INVENTOR 202
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
		Hamled Show
DATE	DATE	DATE 29.06.2003

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

Germany

Germany

STATE & ZIP CODE/COUNTRY

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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I her	eby appoint:			
X	Practitioners associated with the Customer Number:	24737		
	Practitioner(s) named below (if more than ten patent practiti	oners are to be named,	then a custome	ar number must be used):
	Name		Registration	n Number
		4		
as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).				
Assignee Name and Address:				
Koninklijke Philips Electronics N.V. Groenewoudseweg 1 5621 BA Eindhoven, The Netherlands				
	•			1
	<u> </u>			
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is				
authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney isto be filed.				
SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee				
Name Signati	Matthieu van Kapm		Date	
Title	Inam		Telephone	Amilla 2004
-	Authorized Representative		Telephoria .	(914) 333-9600

This collection of information is required by 37 (FPF 1.31 and 1.33). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMEN	NT UNDER 37 CFR 3.73(b) 10/518842
Applicant/Patent Owner: Koninklijke Philips Electronics N.	V
Application No./Patent No.: Concurrently	Filed/Issue Date: Concurrently
Entitled: ELECTROLUMINESCENT DEVICE WITH IMPI	ROVED LIGHT OUTPUT
Koninklijke Philips Electronics N.V. (Name of Assignee)	a <u>corporation</u> (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states that it is: 1. the assignee of the entire right, title, and interest	t; or
2. an assignee of less than the entire right, title and The extent (by percentage) of its ownership inte in the patent application/patent identified above by virt	rest is ——————————————————————————————————
A. [] An assignment from the inventor(s) of the pater in the United States Patent and Trademark Offic attached.	nt application/patent identified above. The assignment was recorded se at Reel, Frame, or for which a copy thereof is
OR	İ
below:	t application/patent identified above, to the current assignee as shown
1 From: ————————————————————————————————————	To:
I — I recorded in the Unite	ed States Patent and Trademark Office at, or for which a copy thereof is attached.
- ded in the Unit	To: ed States Patent and Trademark Office at, or for which a copy thereof is attached.
3. From: The document was recorded in the Unit	ed States Patent and Trademark Office at, or for which a copy thereof is attached.
[] Additional documents in the chain of title	
[] Copies of assignments or other documents in the [NOTE: A separate copy (i.e., the original assign must be submitted to Assignment Division in accorded in the records of the USPTO. See MPE	cordance with 37 CFR Part 3, if the assignment is to be
The undersigned (whose title is supplied below) is a	uthorized to act on behalf of the assignee.
12/4/04	Aaron Waxler, Reg. 48,027
Date	Typed or printed name
(914) 333-9608	Signature
Telephone number	Signature
	Corporate Counsel Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.